

REMARKS

I. Status of Claims:

Claims 1, 3, 5-6, and 8-10 were pending in the application prior to this submission. Claims 11, 12, and 16 are withdrawn from consideration. All of the pending claims were rejected by the Examiner in the outstanding non-final Office Action.

By this amendment, claim 1 is amended. Claims 2, 4, 7, 13-15, and 17-19 were canceled by the preliminary amendment filed June 13, 2006 without prejudice or disclaimer. No new matter has been introduced, and thus, entry and consideration of this Amendment are respectfully requested.

II. Specification:

The Examiner asserts that the title is not descriptive. In particular, the Examiner asserts that the only elected claims for prosecution are directed toward a wiring forming method. Accordingly, Applicants respectfully submit that the title is amended to be directed to a wiring forming method.

II. Rejection under 35 U.S.C. §112:

Claims 8-10 stand rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention. Applicants respectfully traverse this rejection.

The Examiner asserts that claims 8-10 are confusing. In particular, the Examiner asserts that it is unclear how the supply of two liquids that contact each other form a wiring pattern when one or both of the liquids is an insulating material. Applicants respectfully submit that the first and second liquids are supplied to form the first and second patterns, and that it is the first and second patterns may contact each other. Further, Applicants note that an example embodiment discussed at page 13, lines 3-8 of Applicants' specification discloses "Since the previously formed insulated pattern B functions as an edge of the conductive pattern A, the conductive pattern A does not spread on the substrate, the conductive patterns are prevented

from being brought into contact with each other, and accordingly a wiring is prevented from being short-circuited.”

In view of the above, Applicants respectfully request the rejections under 35 U.S.C. § 112, second paragraph, be withdrawn.

III. Rejection under 35 U.S.C. §102(b)

Claims 1-10 stand rejected under 35 U.S.C. § 102(b) as allegedly being anticipated by JP 11-274,671 (Machine Translation available from Industrial Property Digital Library Japan, hereinafter the JP reference). Claims 1-10 stand rejected under 35 U.S.C. § 102(b) as allegedly being anticipated by Seki *et al.* (U.S. Pat. No. 7,273,801, hereinafter Seki). Applicants respectfully traverse these rejections.

The JP reference cited by the Examiner discloses at Fig. 1 “an electric circuit manufacturing installation.” In particular, paragraph [0025] of the JP reference discloses “First, the ink jet type recording head 21 is moved to the field which forms an insulator layer, as shown in drawing 2 (a), and the fluid 11 which includes an insulating material as a pattern formation material from the head 21 concerned is made to breathe out.” The JP reference further discloses at paragraph [0028] “Subsequently, the fluid 12 which moves the head 22 like the arrow of drawing 3 (b) and drawing 4 (b), and includes a conductive material as a pattern formation material is made to breathe out.” The JP reference is completely silent as to a forming order of the insulator layer and the conductive material being based on where the insulator layer and conductive material are to be formed. In particular, the JP reference merely discloses first forming the insulator layer and subsequently forming the conductive material. Accordingly, the JP reference fails to disclose “wherein *a forming order* of said first pattern and said second pattern for constituting said wiring pattern in a same layer is *changed in accordance with information of said wiring pattern*, the information on said wiring pattern including information on where the wiring pattern is to be formed” as required by claim 1 as amended.

Seki discloses a thin film formation method when forming banks of a single material. Seki disclose at col. 22, lines 21-24 “There is no limitation on the structure of the bank information surface so long as the objective is to form thin films by filling areas enclosed by banks that constitute portioning members with a fluid.” Seki is also completely silent as to a forming order of the banks and thin films being based on where the banks and thin films are to

be formed. In particular, Seki merely discloses that the thin films must be formed by filling in areas already enclosed by banks. Accordingly, Seki fails to disclose “wherein *a forming order* of said first pattern and said second pattern for constituting said wiring pattern in a same layer is *changed in accordance with information of said wiring pattern*, the information on said wiring pattern including information on where the wiring pattern is to be formed” as required by claim 1 as amended.

Accordingly, claim 1 is distinguishable from the cited references, taken alone or in combination, for at least the above reasons. Claims 3, 5-6, and 8-10, which depend from claim 1, are distinguishable at least for the same reasons discussed above in regard to claim 1, as well as on their own merits.

In view of the above, Applicants respectfully request the rejections under 35 U.S.C. § 102(b) withdrawn.

CONCLUSION

Based on the foregoing amendments and remarks, Applicants respectfully request reconsideration and withdrawal of the rejection of claims and allowance of this application.

AUTHORIZATION

The Commissioner is hereby authorized to charge any additional fees which may be required for consideration of this Amendment to Deposit Account No. **13-4500**, Order No. 1232-5890.

In the event that an extension of time is required, or which may be required in addition to that requested in a petition for an extension of time, the Commissioner is requested to grant a petition for that extension of time which is required to make this response timely and is hereby authorized to charge any fee for such an extension of time or credit any overpayment for an extension of time to Deposit Account No **13-4500**, Order No. 1232-5890.

Respectfully submitted,
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